



**Australian Government**

# **Assessment Requirements for ICTWEB513**

## **Build dynamic websites**

**Release: 1**

# Assessment Requirements for ICTWEB513 Build dynamic websites

## Modification History

| Release   | Comments                                                                                                     |
|-----------|--------------------------------------------------------------------------------------------------------------|
| Release 1 | This version first released with ICT Information and Communications Technology Training Package Version 6.0. |

## Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- build a dynamic website using code according to technical requirements.

In the course of the above, the candidate must:

- test the website on at least two different browsers and at least two different devices
- document website requirements and actions performed
- comply with organisational requirements and legislative standards.

## Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- principles of analysis and design
- programming control and design structures
- web programming concepts, including:
  - authentication and web security
  - hypertext transfer protocol (HTTP)
  - session management
  - stateless programming
- client-side scripting and its application to dynamic website design, including:
  - hypertext markup language (HTML)
  - cascading style sheets (CSS)
- documentation processes applicable to documenting website design
- user-interface design requirements and production processes
- website design structures, including hierarchy and navigation design
- website architectural requirements

- data storage requirements
- website testing procedures
- debugging methods
- cyber security procedures and protocols
- organisational and legislative procedures applicable to building dynamic websites, including web development standards.

## Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- client requirements
- a development environment
- a server
- a database server
- web browsers and devices
- hardware, software and its components required for building dynamic websites
- libraries and frameworks required for building dynamic websites
- website testing and debugging tools.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

## Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>